

second table, as selected depending on a recording method, on the recording medium along with the AV stream data.

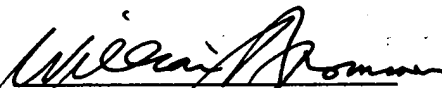
The present invention also provides an information processing apparatus for reproducing AV stream data from a recording medium including reproducing unit for reproducing one of a first table describing the relation of correspondence between presentation time stamp and an address in the AV stream data of a corresponding access unit and a second table describing the relation of correspondence between arrival time stamp derived from the arrival time point of a transport packet and an address in the AV stream data of a corresponding transport packet, from the recording medium, which has the first table or the second table recorded thereon depending on a recording method, and control unit for controlling the outputting of the AV stream data based on the reproduced table.

**REMARKS**

The specification has been amended to be consistent with the claims submitted by the Preliminary Amendment of December 19, 2001 (i.e. to be consistent with the claims submitted pursuant to PCT Article 19). The attached is captioned **"Version with markings to show changes made"** and indicates the changes that have been made herein to the specification.

Respectfully submitted,  
FROMMER LAWRENCE & HAUG LLP

By:

  
William S. Frommer  
Reg. No. 25,506  
(212) 588-0800

**VERSION WITH MARKINGS TO SHOW CHANGES MADE**

**IN THE SPECIFICATION:**

Amend the paragraph at page 4, starting at line 13 as follows:

--An information processing apparatus for recording AV stream data on a recording medium includes a controller ~~first generating means~~ for generating a first table describing the relation of correspondence between presentation time stamp and an address in the AV stream data of a corresponding access unit, or a second table describing the relation of correspondence between arrival time stamp derived from the arrival time point of a transport packet and an address in the AV stream data of a corresponding transport packet, and a recorder selection means for recording selecting one of the first table and the second table, as selected depending on a recording method, and first recording means for recording the selected table on the recording medium along with the AV stream data.--

Amend the paragraphs on page 5, starting at line 3, as follows:

--The controller selection means ~~may select the second table in case of non-cognizant recording.~~

The controller selection means may select the first table in case of self encoding recording.

The controller selection means may select the first table in case of cognizant recording.

The controller information processing apparatus may generate identification information indicating which of the first and second tables have been recorded and the recorder may memorize the identification information ~~further include second generating means for generating the reproduction specifying information specifying the reproduction of the AV stream data, and second recording means for recording the reproduction specifying information generated by the second generating means on the recording medium. The reproduction specifying information may include the identification information for specifying whether the time information of the~~

~~reproduction domain of the AV stream data is to be represented on the presentation time basis or on the arrival time basis.~~

The controller manages control so that, if ~~If~~ the first table is recorded along with the AV stream data, the reproduction domain specifying information expresses the time information of the reproduction domain of the AV stream data on the presentation time basis, and so that, if ~~If~~ the second table is recorded along with the AV stream data, the reproduction domain specifying information expresses the time information of the reproduction domain of the AV stream data on the arrival time basis.--

Amend the two paragraphs on page 6 as follows:

--The present invention also provides an information processing method for recording AV stream data on a recording medium including a generating step of generating a first table describing the relation of correspondence between presentation time stamp and an address in the AV stream data of a corresponding access unit, or a second table describing the relation of correspondence between arrival time stamp derived from the arrival time point of a transport packet and an address in the AV stream data of a corresponding transport packet, and a recording selecting step of recording selecting one of the first table and the second table, as selected depending on a recording method, ~~and a recording step of recording the selected table on the recording medium along with the AV stream data.~~

The present invention also provides a recording medium having recorded thereon a computer-readable program for an information processing apparatus recording AV stream data on a recording medium, in which the program includes a generating step of generating a first table describing the relation of correspondence between presentation time stamp and an address in the AV stream data of a corresponding access unit, or a second table describing the relation of correspondence between arrival time stamp derived from the arrival time point of a transport packet and an address in the AV stream data of a corresponding transport packet, and a recording selecting step of recording selecting one of the first table and the second table, as

selected depending on a recording method, ~~and a recording step of recording the selected table~~  
on the recording medium along with the AV stream data.--

Amend the two paragraphs on page 7 as follows:

--The present invention also provides a program for having a computer, controlling an information processing apparatus recording AV stream data on a recording medium, execute a generating step of generating a first table describing the relation of correspondence between presentation time stamp and an address in the AV stream data of a corresponding access unit, or a second table describing the relation of correspondence between arrival time stamp derived from the arrival time point of a transport packet and an address in the AV stream data of a corresponding transport packet, and a recording selecting step of recording selecting one of the first table and the second table as selected depending on a recording method, and a recording step of recording the selected table on the recording medium along with the AV stream data.

The present invention also provides an information processing apparatus for reproducing AV stream data from a recording medium including reproducing unit means for reproducing one of a first table describing the relation of correspondence between presentation time stamp and an address in the AV stream data of a corresponding access unit and a second table describing the relation of correspondence between arrival time stamp derived from the arrival time point of a transport packet and an address in the AV stream data of a corresponding transport packet, from the recording medium, which has the first table or the second table recorded thereon depending on a recording method, and control unit means for controlling the outputting of the AV stream data based on the reproduced table.--